

AMENDMENTS TO THE CLAIMS

- Claim 1 (Currently Amended)** A phosphor ~~composed of a single~~comprising:
an inorganic material; and
a crystallized glass,
wherein when an excitation light ~~composed of~~including visible light is irradiated ~~thereon~~on the phosphor, the phosphor emits a fluorescence of complimentary color with respect to a hue of the excitation light, and a portion of the excitation light transmits through the phosphor.
- Claim 2 (Currently Amended)** The phosphor according to claim 1 ~~having~~wherein the phosphor has a panel shape.
- Claim 3 (Currently Amended)** The phosphor according to claim 2 ~~of which~~wherein the phosphor has a wall thickness ~~is~~between 0.1mm to 2mm.
- Claim 4 (Currently Amended)** The phosphor according to claim 1, wherein the excitation light ~~composed including~~of visible light is a light of which a center wavelength is between 430 to 490nm, and the fluorescence is a light of which a center wavelength is between 530 to 590nm.
- Claim 5 (Currently Amended)** The phosphor according to claim 1 ~~composed of a~~wherein the crystallized glass includingincludes Ce^{3+} and ~~formed by precipitating~~ a precipitated garnet crystal.
- Claim 6 (Original)** The phosphor according to claim 5, wherein the garnet crystal is YAG crystal or YAG crystalline solid solution.
- Claim 7 (Currently Amended)** The phosphor according to claim 5, further including 0.01 to 5 mol% of Ce_2O_3 .

Claim 8 (Currently Amended) The phosphor according to claim 1 ~~composed of a~~wherein the crystallized glass has a glass composition including 10 to 60mol% of $\text{SiO}_2 + \text{B}_2\text{O}_3$, 15 to 50mol% of $\text{Al}_2\text{O}_3 + \text{GeO}_2 + \text{Ga}_2\text{O}_3$, 5 to 30mol% of $\text{Y}_2\text{O}_3 + \text{Gd}_2\text{O}_3$, 0 to 25mol% of Li_2O , 0 to 15mol% of $\text{TiO}_2 + \text{ZrO}_2$, and 0.01 to 5mol% of Ce_2O_3 .

Claim 9 (Currently Amended) The phosphor according to claim 8 further including essentially no TiO_2 and ZrO_2 .

Claim 10 (Currently Amended) The phosphor according to claim 1 ~~composed of a~~wherein the crystallized glass has a glass composition including 10 to 50mol% of SiO_2 , 15 to 45mol% of Al_2O_3 , 5 to 30mol% of Y_2O_3 , 0 to 15mol% of GeO_2 , 0 to 20mol% of Gd_2O_3 , 0 to 15mol% of Li_2O , 0 to 30mol% of $\text{CaO} + \text{MgO} + \text{Sc}_2\text{O}_3$, and 0.01 to 5mol% of Ce_2O_3 .

Claim 11 (Previously Presented) A light-emitting diode utilizing the phosphor according to claim 1.

Claim 12 (Previously Presented) A light-emitting diode comprising:
a stem including a cathode lead terminal and an anode lead terminal,
a light-emitting diode chip connected to the anode lead terminal,
a metal wire connecting the cathode lead terminal and the light-emitting diode chip,
a housing vessel that is fixed such that the stem and the light-emitting diode chip are air-tightly sealed, and ~~of which~~including a window portion is ~~formed~~disposed above the light-emitting diode chip, and
the phosphor according to claim 1 attached to the window portion of the housing vessel.

Claim 13 (Currently Amended) A crystallized glass ~~including~~comprising:
 Ce^{3+} ; and ~~formed by precipitating~~
a precipitated garnet crystal.

Claim 14 (Original) The crystallized glass according to claim 13, wherein the garnet crystal is YAG crystal or YAG crystalline solid solution.

Claim 15 (Currently Amended) The crystallized glass according to claim 13 further including 0.01 to 5 mol% of Ce_2O_3 .

Claim 16 (Currently Amended) The crystallized glass according to claim 13 further including a glass composition including 10 to 60mol% of $\text{SiO}_2 + \text{B}_2\text{O}_3$, 15 to 50mol% of $\text{Al}_2\text{O}_3 + \text{GeO}_2 + \text{Ga}_2\text{O}_3$, 5 to 30mol% of $\text{Y}_2\text{O}_3 + \text{Gd}_2\text{O}_3$, 0 to 25mol% of Li_2O , 0 to 15mol% of $\text{TiO}_2 + \text{ZrO}_2$, and 0.01 to 5mol% of Ce_2O_3 .

Claim 17 (Currently Amended) The crystallized glass according to claim 16 further including essentially no TiO_2 and ZrO_2 .

Claim 18 (Currently Amended) The crystallized glass according to claim 13 further including a glass composition including 10 to 50mol% of SiO_2 , 15 to 45mol% of Al_2O_3 , 5 to 30mol% of Y_2O_3 , 0 to 15mol% of GeO_2 , 0 to 20mol% of Gd_2O_3 , 0 to 15mol% of Li_2O , 0 to 30mol% of $\text{CaO} + \text{MgO} + \text{Sc}_2\text{O}_3$, and 0.01 to 5mol% of Ce_2O_3 .